AMENDMENTS TO THE CLAIMS

The following is a complete, marked-up listing of revised claims with a status identifier in parenthesis, underlined text indicating insertions, and strike through and/or double-bracketed text indicating deletions.

LISTING OF CLAIMS

1. (Currently Amended) A ~~recording~~computer-readable medium having a data structure for managing playback control of the ~~recording~~computer-readable medium, comprising:

a data area configured to store a stream; and

a navigation area ~~storing an information file including~~configured to store a plurality of navigation segments ~~representing one or more reproduction paths of a title, each of the navigation segments~~ including at least one navigation command, ~~a number of the navigation segments each including a~~the navigation command ~~for~~launching a playlist configured to manage playback of the stream, and ~~and one of~~the navigation segments including a first navigation segment and a second navigation segment representing different reproduction paths of a title.~~being an entry navigation segment of the title.~~

2. (Currently Amended) The ~~recording~~computer-readable medium of claim 1, wherein the first navigation segment and the second navigation segment constitute a branch structure in the reproduction paths of the title.~~at least one branch point along the one or more reproduction paths occurs at a boundary of a launched playlist.~~

3. (Currently Amended) The ~~recording~~computer-readable medium of claim 2, wherein [[each]]a branch point of the branch structure is a boundary of playlists.~~along the one or more reproduction paths occurs at a boundary of a launched playlist.~~

4. (Currently Amended) The ~~recording~~computer-readable medium of claim 1[[3]], wherein ~~each of the number of~~the first navigation ~~segments~~segment and the second navigation segment constitute a multi-path structure in the reproduction paths of the title.~~includes a navigation command for launching a different playlist.~~

5. (Currently Amended) The ~~recording~~computer-readable medium of claim 4, wherein each of the navigation segments representing the one or more reproduction paths of the title includes a navigation command for launching a playlist.

6. (Currently Amended) The ~~recording~~computer-readable medium of claim 5, wherein each launched playlist includes navigation information for reproducing at least a portion of a clip file.

7. (Currently Amended) The ~~recording~~computer-readable medium of claim 6, further comprising:

a playlist area storing a playlist directory, the playlist directory storing the at least one playlist;

a clip information file directory storing at least one clip information file; and

a stream directory storing at least one clip file.

8. (Currently Amended) The ~~recording~~computer-readable medium of claim 1, wherein each of the number of navigation segments includes a navigation command for launching a different playlist.

9. (Currently Amended) The ~~recording~~computer-readable medium of claim 1, wherein each of the navigation segments representing the one or more reproduction paths of the title includes a navigation command for launching a playlist.

10. (Currently Amended) The ~~recording~~computer-readable medium of claim 9, wherein each of the navigation segments representing the one or more reproduction paths of the title includes a navigation command for launching a different playlist.

11. (Currently Amended) The ~~recording~~computer-readable medium of claim 1, wherein each launched playlist includes navigation information for reproducing at least a portion of a clip file.

12. (Currently Amended) The ~~recording~~computer-readable medium of claim 1, further comprising:

a playlist area storing a playlist directory, the playlist directory storing the at least one playlist;

a clip information file directory storing at least one clip information file; and

a stream directory storing at least one clip file.

13. (Currently Amended) A method of recording a data structure for managing playback control of a recording medium, comprising:

recording an information file on a recording medium, the information file including a plurality of navigation segments <u>including at least one navigation command, the navigation command launching a playlist configured to manage playback of a stream, and the navigation segments including a first navigation segment and a second navigation segment representing</u>

<u>different reproduction paths of a title.</u>~~representing one or more reproduction paths of a title, each of the navigation segments including at least one navigation command, a number of the navigation segments each including a navigation command for launching a playlist, and one of the navigation segments being an entry navigation segment of the title.~~

14. (Currently Amended) A method of reproducing a data structure for managing playback control of a recording medium, comprising:

reproducing an information file from a recording medium, the information file including a plurality of navigation segments <u>including at least one navigation command, the navigation command launching a playlist configured to manage playback of a stream, and the navigation segments including a first navigation segment and a second navigation segment representing different reproduction paths of a title.</u>~~representing one or more reproduction paths of a title, each of the navigation segments including at least one navigation command, a number of the navigation segments each including a navigation command for launching a playlist, and one of the navigation segments being an entry navigation segment of the title.~~

15. (Currently Amended) An apparatus for recording a data structure for managing playback control of a recording medium, comprising:

~~a driver for driving~~ an optical recording device <u>configured</u> to record data on a recording medium;

a controller <u>configured to control the optical recording device</u>~~for controlling the driver~~ to record an information file on the recording medium, the information file including a plurality of navigation segments <u>including at least one navigation command, the navigation command launching a playlist configured to manage playback of a stream, and the navigation segments</u>

including a first navigation segment and a second navigation segment representing different reproduction paths of a title. ~~representing one or more reproduction paths of a title, each of the navigation segments including at least one navigation command, a number of the navigation segments each including a navigation command for launching a playlist, and one of the navigation segments being an entry navigation segment of the title.~~

16. (Currently Amended) An apparatus for reproducing a data structure for managing playback control of a recording medium, comprising:

~~a driver for driving~~ an optical reproducing device configured to reproduce data recorded on a recording medium;

a controller configured to control the optical reproducing device ~~for controlling the driver~~ to reproduce an information file from the recording medium, the information file including a plurality of navigation segments including at least one navigation command, the navigation command launching a playlist configured to manage playback of a stream, and the navigation segments including a first navigation segment and a second navigation segment representing different reproduction paths of a title. ~~representing one or more reproduction paths of a title, each of the navigation segments including at least one navigation command, a number of the navigation segments each including a navigation command for launching a playlist, and one of the navigation segments being an entry navigation segment of the title.~~